Honeywell
Long-Range Weather Forecaster with Wind Speed

(TE852W)
USER MANUAL

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INTRODUCTION

Thank you for selecting the Honeywell Long-Range Weather Forecaster with Wind Speed. This device combines precise time keeping with monitoring and displaying the wind speed information and temperature/humidity data from up to five remote locations.

In this package you will find:

- One main unit (receiver) **TE852W**
- One three-channel remote temperature and humidity sensor (transmitter) **TS33C**
- One Wind Speed Meter (transmitter) **TS815**
- Mounting Hardware with wrench tool for Wind Speed Meter
- One User Manual

Please keep this manual handy as you use your new item. It contains practical step-by-step instructions, as well as technical specifications and precautions you should know.

STANDARD PACKAGE CONTENTS

Picture	Components
	Main Unit (receiver)
	Thermo Hygrometer Sensor (transmitter)
	Wind Speed Meter (transmitter) **Consist of:** **Meter Arm, Meter Base and Wind Cups**
4 screws and small wrench tool	**Mounting hardware**

INSTALLATION

The Honeywell Weather Forecaster with Wind Speed TE852W operates at 433MHz radio frequency, so no wire installation is required between the main unit (receiver) and the remote weather sensors (transmitters).

The remote weather sensors include a temperature and humidity sensor and wind speed sensor. All data measured by these remote sensors is transmitted to the main unit wirelessly, with the operating range in the open area from 100 feet (30 meters) for wind speed meter up to 328 feet (100 meters) for temperature and humidity sensor.

Remote wind speed meter must be placed **outdoors** to measure and transmit a wind speed data.

Remote thermo-hygrometer(s) can be placed **indoors** or **outdoors**, depending on the area where the **temperature and humidity are intended to be measured**. If you intend measuring **outdoor** temperature and humidity, place the remote sensor **outdoors**.

NOTE: It is critical to assemble and power up all remote weather sensors **BEFORE** setting up the main unit.

NOTE: It is critical to power up and **test** communication between the weather sensors and the main unit **BEFORE** permanently mounting them outside.

BEFORE YOU BEGIN

- We recommend using **alkaline batteries** for the remote weather sensors and the main unit when temperatures are **above 32°F** (0°C). We recommend using **lithium** batteries for the remote weather sensors when temperatures are **below 32°F** (0°C)
- Avoid using rechargeable batteries. (Rechargeable batteries cannot maintain correct power requirements)
- **ALWAYS** install batteries in the **remote** weather sensors *before* the main unit
- Insert batteries before first use, matching the polarity in the battery compartment
- Remove protective plastic screen from LCD display (if any)
- During an initial setup, place the remote weather sensors close to the main unit
- After reception is established (all remote readings will appear on the main unit's display), position the remote sensors and the main unit within the effective transmission range: 328 feet (100 meters) for temperature/humidity sensors and 100 feet (30 meters) for wind speed meter. Ideally they should be placed within the line of sight from the main unit. See placement tips in the user manual for each remote weather sensor.
- Transmission/reception range may be affected by trees, metal structures and electronic appliances, by surrounding building materials and the way how the receiver (main unit) and transmitters (remote weather sensors) are positioned.
- The main unit must be placed indoors.
- Place the remote sensor so that it faces the main unit (receiver), minimizing obstructions such as doors, walls and furniture.

NOTE: When the temperature falls below freezing, the batteries in the outdoor remote sensor may have reduced voltage supply and a shorter effective range. We recommend using lithium batteries at temperatures of 32°F (0°C) and below.

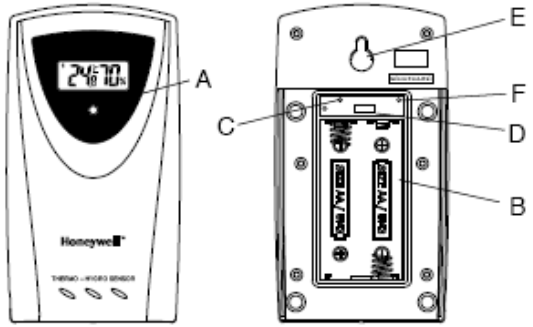
IMPORTANT: Make sure that remote weather sensors are easily accessible for cleaning and maintenance.

We recommend cleaning the remote weather sensors periodically, as the dirt and debris may affect sensors accuracy.

REMOTE TEMPERATURE & HUMIDITY SENSOR

FEATURES

- Remote data transmission to the main unit via 433 MHz frequency
- LCD displays temperature, humidity and channel
- Selection of the temperature display in Celsius or Fahrenheit
- Three (3) transmission channels selection
- Case can be wall mounted using built-in hanger



A. LED INDICATOR

- Flashes once when the remote sensor transmits a reading to the main unit.
- Flashes twice when battery power is low.

B. BATTERY COMPARTMENT

- Holds two AA-size batteries

C. RESET

- Resets all previous settings

D. CHANNEL SWITCH

- Selects the desired channel -1,2 or 3

E. WALL-MOUNT RECESSED OPENING

- Keeps the remote sensor on the wall

F. °C/°F SWITCH

- Selects the temperature display in Fahrenheit or Celsius

NOTE: Install the batteries; select the channel and temperature in °C or °F before mounting the sensor.

BATTERY INSTALLATION

- Remove the screws from the battery compartment with a small Phillips screwdriver.
- Set the channel 1 through 3. The switch is located in the battery compartment. Channel 1 is typically selected if only one remote sensor is being used.
- Install 2 “AA” size alkaline batteries (not included) matching the polarities shown in the battery compartment.
- Select the temperature unit in °F or °C by pressing **°C/°F** switch with a paper clip or similar tool
- Replace the battery compartment door and secure the screws.
- Secure the remote sensor in the desired location.

MOUNTING

- The remote thermo-hygrometer sensor can be placed on the flat surface or mounted on the wall in vertical position

- Use the wall mount hardware and screws when mounting the thermo-hygrometer sensor on the wall

PLACEMENT

- The remote thermo-hygrometer sensor should be placed in the area with a free air circulation and sheltered from the direct sunlight and an extreme weather conditions.
- Ideally, place the thermo-hygrometer sensor above the natural surfaces (such as a grassy lawn).
- Avoid placing the thermo-hygrometer sensor near sources of heat, such as chimneys and heating elements.
- Avoid any areas collecting and radiating a heat from the sun, such as metal, brick or concrete structures, paving, patios and decks.
- The international standard for the valid air temperature measurements is 4 feet (1.25meters) above the ground.

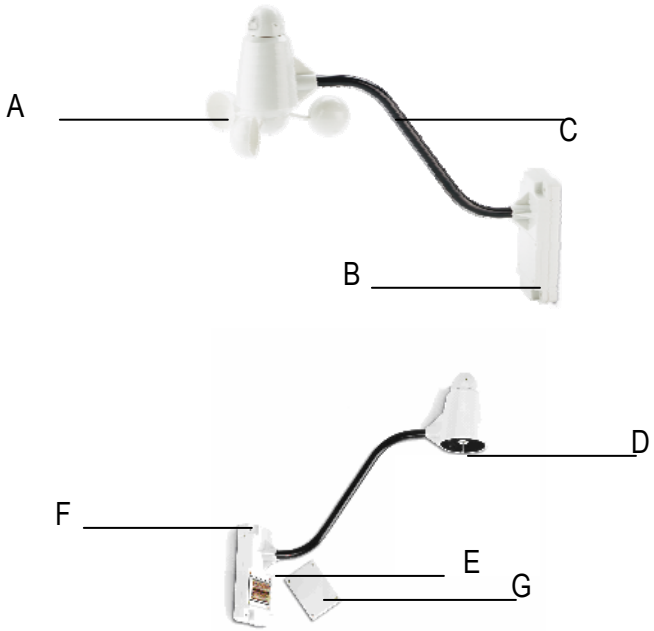
OPERATION

Immediately after batteries are correctly installed, the remote sensor will start transmitting a temperature and humidity data to the main unit.

WIND SPEED METER

FEATURES

- Wind speed and wind gust measurement
- Measurement of the temperature at the place of the wind meter
- Remote transmission of the temperature, wind speed and gust data to the main unit via 433 MHz signal
- Operating range of up to 100 feet (30 meters)
- Wall or pole mount



A. WIND CUPS

Measure wind speed and wind gust

B. WIND SPEED METER BASE

- Holds battery compartment
- Allows mounting the wind speed meter vertically

C. WIND SPEED METER ARM

Keeps the wind speed meter assembly together

D. WIND CUPS SHAFT

Holds wind cups on the wind speed meter arm

E. BATTERY COMPARTMENT

Holds 2 AA-size batteries

F. WALL MOUNT SCREW OPENINGS (4)

Allow securing the wind speed meter in place

G. BATTERY COVER

Allows securing 2 AA size batteries on the wind speed meter base

ASSEMBLY

- Place the wind cups (**A**) over the wind cup's shaft (**D**) of the wind speed meter arm (**C**)
- Insert the wrench tool provided into the wind cups opening.
- Loosen the small screw inside and then gently tighten it
- Test if the wind cups sit secure on the wind cups shaft

BATTERY INSTALLATION

- Remove four (4) screws from the battery compartment with a small Phillips screwdriver
- Open the battery compartment and install 2 "AA" size alkaline batteries (not included) matching the polarities shown
- Replace the battery compartment door and secure the screws

MOUNTING

Mount the wind speed meter onto a vertical surface, using the fittings provided.

PLACEMENT

- The wind speed meter should be mounted in an open area with a free air flow; away from the nearby trees, buildings or other structures.
- It is suggested mounting the wind speed meter at 33 feet (10meters) above the ground in unobstructed area.

OPERATION

After assembly is completed and batteries are correctly installed, the wind meter will start transmitting a wind and temperature data to the main unit.

MAIN UNIT

The main unit measures pressure, indoor temperature, humidity, and receives

atomic time data from the US Atomic Clock and all remote weather sensors. It should be placed indoors.

FEATURES

Time

- Precise time and date set via RF signals from US Atomic clock
- 12 or 24 hour time format
- Manual adjustment of time and date
- Calendar displaying date with month and day in 6 languages English, German, French, Italian, Spanish and Dutch
- Sunrise/set calculation for over 100 pre-programmed world cities in accordance with the geographical information entered by the user
- Moon Phase calendar and historical data for the past and future 39 days
- Dual crescendo alarms with programmable snooze
- Programmable Ice Warning Alarm

Weather

- Weather forecast for the next 12 to 24 hour in six large icons: Sunny, Partly Cloudy, Cloudy, Rainy, Stormy and Snowy
- Barometric pressure in imperial or metric units
- Altitude adjustment for pressure compensation
- 24 hour barometric pressure history chart
- Multiple weather alarms
- Indoor/Outdoor Temperature & Humidity in up to 5 remote locations (additional sensors required)
- Dew point and comfort level indicators
- Wind speed and wind gust averages and memory
- Operating range from 100 feet (30 meters) up to 328 feet (100 meters)

Power

- 2 AA batteries (main unit)
- 4 AA batteries (remote sensors)

BATTERY INSTALLATION

- Remove the battery compartment door located in the table stand on the back of the main unit.
- Insert two (2) AA size batteries according to the polarities shown and replace the battery compartment door.
- When placing the main unit on the table or other horizontal surface, unfold the table stand adjusting it to the desired viewing angle.
- When mounting the main unit on the wall or vertical surface, fold the table stand back into the unit.

PLACEMENT

- Make sure that the main unit is locating within the operating range of all remote weather sensors.
- Ideally the remote weather sensors should be mounted within the line of sight of the main unit.
- Transmission range may be affected by trees, metal structures and electronic appliances.
- Test reception before permanently mounting all the remote weather sensors.

Avoid placing the main unit in the following areas:

- Direct sunlight and surfaces emitting and radiating heat, such as heating ducts or air conditioners.
- Areas with interference from the wireless devices (such as cordless phones, radio headsets, baby listening devices) and electronic appliances.

OPERATION

Once the main unit is powered, the display will show all available LCD segments for a moment.

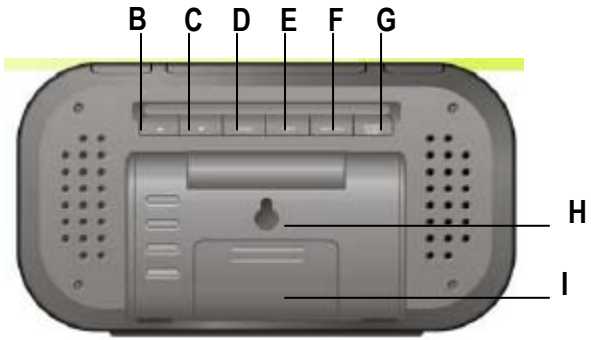
IMPORTANT: All of the display functions will be locked, allowing setting your local altitude and pressure parameters. The locked display will show the pressure icon and abbreviation **"inHg"** flashing in the **Pressure Window**, indoor temperature and humidity readings in **Temperature/Humidity Window**, default time in **Clock Window** and a default sunset/sunrise time in the **Sunrise/Sunset Window**.

If pressure and altitude are not configured during this time, the unit will self-calibrate in a few minutes and show the default settings for the pressure and altitude (sea level) and all remote weather sensors readings.

To set the pressure & altitude units and program your altitude, use the main unit control panel, located on the back.

FRONT

REAR



TOP

SIDE

A. WEATHER AND TIME IN EASY-TO READ DIGITS

B. UP (▲) button

- Selects next available mode clockwise
- Increases the parameters
- Activates manual search for atomic time signal
- Enables or disables time alarms (**W**) and (**S**) and Ice Warning Alarm

C. DOWN (▼) button

- Selects next available mode anti-clockwise
- Decreases the parameters

- Activates manual search for signals from the remote sensors
- Enables or disables time alarms (**W**) and (**S**) and Ice Warning Alarm

D. SET button

- Toggles between different modes
- If depressed and hold, activates programming mode or changes unit of selected parameter
- Confirms programmed parameters

E. MEM button

- Allows displaying current, minimum, maximum readings of the indoor and remote temperature & humidity
- Allows displaying memory records of the wind speed and wind gust
- If depressed and hold, clears collected records memory
- Activates a searching mode of sunrise/sunset records

F. HISTORY button

- Allows displaying the **SEA LEVEL** pressure history records

G and J. ALARM button

- Allows displaying all available alarms – for time, temperature and pressure
- If depressed and hold, enters into the alarm programming mode for selected parameter
- If depressed and hold in barometric pressure/forecast mode, allows viewing of the temperature and humidity history charts

H. WALL- MOUNT RECESSED OPENING

- Keeps the unit on the wall

I. BATTERY COMPARTMENT

- Accommodates 2 (two) UM-3 or AA 1.5V alkaline batteries

K. SNOOZE/LIGHT button

- Stops all alarms temporarily

- Activates a backlight for 5 seconds

L. CHANNEL button

- Recalls a different remote sensor reading – 1,2, 3, 4 or 5
- Activates the remote channels auto-scan feature

NAVIGATING THROUGH THE MODES

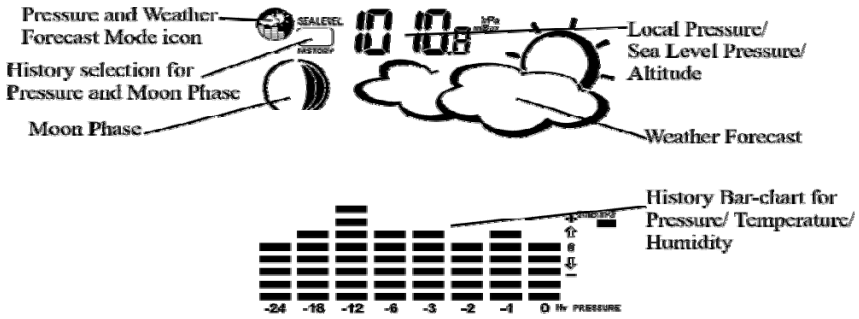
The main unit has five (5) different modes (windows) each displaying a separate data category. When a specific mode is selected the corresponding icon will start flashing.

Press **UP** button on the back of the main unit to cycle through the modes clockwise or **DOWN** anti-clockwise.

PRESSURE WINDOW

Displays:

- Current pressure (local or sea level) and history bar-chart
- Weather forecast
- Moon phase


Pressure and Weather Forecast Mode icon
History selection for Pressure and Moon Phase
Moon Phase
Local Pressure/ Sea Level Pressure/ Altitude
Weather Forecast
History Bar-chart for Pressure/ Temperature/ Humidity
-24 -18 -12 -6 -3 -2 -1 0 Hr PRESSURE

CLOCK WINDOW

Displays:

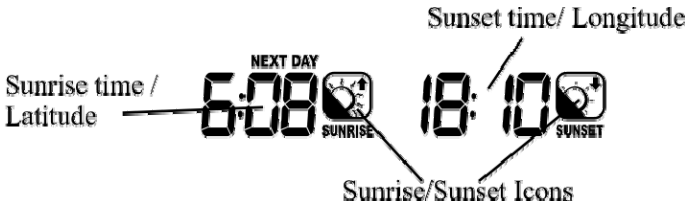
- Time and calendar

- Single alarm, weekday alarm and ice warning alarm (pre-alarm)
- US map
- Main unit battery status

SUNRISE/SUNSET WINDOW

Displays:

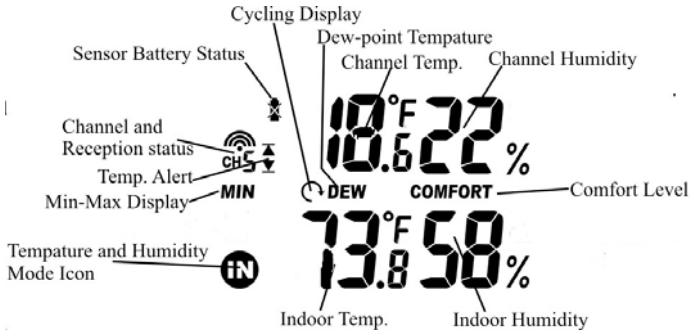
- Sunrise and sunset times
- Longitude and latitude



TEMPERATURE AND HUMIDITY WINDOW

Displays:

- Temperature and humidity readings for indoor and selected channel
- Comfort level indication
- Dew point temperature
- High and low temperature alarms
- Remote Thermo-Hygrometer sensor battery status



WIND WINDOW

Displays:

- Wind Chill temperature
- Temperature at place of anemometer
- Wind speed
- Wind gust speed
- Alarm for wind speed and wind gust
- Remote anemometer battery status

CUSTOMAZING YOUR WEATHER FORECASTER

It is required to program:

- Pressure parameters during Initial Setup (See **Pressure** and Weather Forecast Mode P.)
- Time, the date and the weekday language (**Clock** and Alarm Mode: P.)
- Location data (**Sunrise/Sunset** Mode: P.)

Optional:

- Time alarms (**Clock** and Alarm Mode: P.)
- Temperature alarms (**Temperature and Humidity** Mode P.)
- Wind alarms (**Wind** Mode: P.)

BACKLIGHT

To activate the backlight press the **SNOOZE/LIGHT** button once, and display will light up for five seconds.

USING DIFFERENT DISPLAY WINDOWS

PRESSURE WINDOW

- Indicates the current barometric pressure, the sea level pressure, the weather forecast and the moon phase.
- Displays a number of historical statistics: sea-level pressure for the past 24 hours, moon phase for the past and following 39 days and pressure/ temperature/ humidity history bar-chart.
- Pressure can be set in inHg, hPa/mBar or mmHg, and altitude can be set in meters or feet.

IMPORTANT: There are two options available for barometric pressure viewing – **SEA LEVEL** or **LOCAL.** It is suggested to select and program only one option.

If you wish to know pressure changes at your **specific location (house)**, then **LOCAL** barometric pressure should be selected. In this case, the local altitude/elevation must be programmed according to the GPS readings, Internet, etc.

If you wish to know pressure changes in your **surrounding metro area**, then **SEA LEVEL** barometric pressure option should be selected. In this case, the **SEA LEVEL** barometric pressure value can be adjusted according to the local metro area weather information. (Sources – local TV or radio station, etc.)

OPERATION

Press **UP** or **DOWN** until the weather forecast icon on the upper left of the display starts flashing.

SETTING PRESSURE PARAMETERS

IMPORTANT: During the main unit initial setup, after main unit powered up, all of the functions in **Pressure and Weather Forecast Window** will be locked for a short time, until the pressure settings are configured. The locked display will show the pressure icon and abbreviation **"inHg"** flashing.

To unlock the main unit, set the pressure/altitude units and program the altitude.

If you won't program anything during the initial setup, the unit will use default settings.

- Press **UP** or **DOWN** button selecting the pressure in inHg, hPa/mBar or mmHg
- Press **SET** to confirm and move to the altitude unit selection mode
- Press **UP** or **DOWN** button selecting the altitude unit in feet or meters.
- Press **SET** button to confirm and move to the altitude programming mode.
- Press **UP** or **DOWN** to adjust an altitude value. Press and hold either button for the advanced setting.
- Press **SET** to confirm the programming.

VIEWING PRESSURE AND ALTITUDE INFORMATION

To view a pressure or altitude information, press **SET** button rotating between the sea level pressure, local pressure and local altitude screens.

PROGRAMMING SEA LEVEL PRESSURE

- Press **SET** button until the sea level pressure with "**SEA LEVEL**" is displayed.
- Press and hold **SET** until the pressure digits are flashing.

- Set the sea level pressure by pressing **UP** or **DOWN** buttons. Press and hold either button for the quick digits advance.
- Press **SET** to confirm selection.

PROGRAMMING PRESSURE AND ALTITUDE UNIT

- Press **SET** until the local pressure with the word **"LOCAL"** is displayed.
- Press and hold **MEMORY** until the pressure unit is flashing.
- Set the local pressure units by pressing the **UP** or **DOWN** buttons to adjust the pressure value.
- Press **MEMORY** to confirm your selection.
- Press **SET** button until the local altitude value will be displayed
- Press and hold **MEMORY** until the altitude unit is flashing.
- Set the altitude unit in meters or feet by pressing the **UP** or **DOWN**.
- Press **MEMORY** to confirm your selection.
- Press **SET** until the sea level pressure with the word **"SEA LEVEL"** is displayed.
- Press and hold **MEMORY** until the pressure unit is flashing.
- Set the sea level pressure unit by pressing **UP** or **DOWN**.
- Press **MEMORY** to confirm your selection.

VIEWING SEA LEVEL PRESSURE HISTORY

- In any mode, press **HISTORY** button entering the sea level pressure display.
- When the **SEA LEVEL** is displayed, press **HISTORY** repeatedly viewing the sea level pressure history for the past 24 hours in 1 hour intervals.
- If no buttons are pressed for 5 seconds, the unit will automatically

return to the default Pressure and Weather Forecast Mode.

VIEWING PRESSURE, TEMPERATURE AND HIMIDITY CHARTS

The bar chart in **Pressure Window** can be configured to display a historical data for the sea level pressure and temperature or humidity for channel 1.
After selecting the **Pressure Window**, press and hold **ALARM** button to toggle the bar chart between the sea level pressure with a word "**PRESSURE**" displayed at the right bottom corner of the chart, temperature with a thermometer icon and "**CH1**" and a humidity with "**RH"** icon and "**CH1**".

VIEWING MOON PHASE HISTORY AND WEATHER FORECAST

- After selecting the **Pressure Window**, press **MEMORY**, so **"+ 0 days"** is flashing.
- Press **UP** or **DOWN** selecting from today's date a future (+) or past (-) days and the corresponding moon phase will be displayed. Press and hold either button for a quick advance.
- To exit, press **MEMORY** button.

UNDERSTANDING WEATHER FORECAST ICONS

Display	Weather Forecast
	Sunny
	Partly Cloudy
	Cloudy
	Rainy

	Stormy
	Snowy

Note: The weather forecast accuracy is approximately 70%.
Display shows forecasted, not current conditions. The SUNNY icon indicates clear weather, even when displayed during the night-time.

UNDERSTANDING MOON PHASE ICONS

CLOCK WINDOW

The main unit can be manually set to display the time, calendar or UTC time. There are three time alarms available on the main unit: Weekday alarm (**W**), Single alarm (**S**) and Ice Warning Alarm (**Pre-Al**).

- If **Weekday** alarm is activated, it will sound at the set time and the alarm icon will flash Mondays through Fridays.
- If **Single** day alarm is activated, it will sound at the set time and the alarm icon will flash only for this specific day and will not activate on subsequent days.
- The **Ice Warning Alarm** is activated at programmed time interval (from 15 to 90 minutes) before the weekday or single alarm, if channel 1 temperature falling to freezing and below.

Note: **Ice Warning Alarm can be set only if one or both - Weekday or Single alarm are programmed.**

The snooze duration for listed alarms can also be programmed up to 15 minutes.

ACCESSING CLOCK WINDOW

Press **UP** or **DOWN** until the clock icon next to the time/date display will flash.

PROGRAMMING YOUR LOCATION

IMPORTANT: There are two options available for programming a location – an **auto** and **manual**.
In case of an **auto programming**, select the closest city code from the codes list programmed in the unit, then all necessary location data (longitude, latitude, time zone and daylight savings time adjustment) will be set automatically.
In case of the **manual programming**, select the code **USR (user)** from the city codes list, then you would need to enter all location data (longitude, latitude, time zone and daylight savings time adjustment) manually.

AUTO-PROGRAMMING

- In the **Clock Window**, press and hold **SET** button until the day of week language abbreviation **"ENG"** will flash
- Press the **UP** or **DOWN** selecting the day of the week in English, German, French, Italian, Spanish or Dutch
- Press **SET** to confirm selection
- Select the city code closest your area by pressing **UP** or **DOWN.** Refer to P. for a list of available codes
- Press **SET** to confirm the selection and enter to the year, calendar and time setting mode
- Press the **UP** or **DOWN** selecting the current year, date, month, time

format, hour and minutes

- Press **SET** every time to confirm each selection and move to the next

MANUAL PROGRAMMING

- In the Clock Window, press and hold **SET** button until the day of week language abbreviation **"ENG"** will flash
- Press the **UP** or **DOWN** selecting the day of the week in English, German, French, Italian, Spanish or Dutch
- Press **SET** to confirm selection
- Select the code **USR** by pressing **UP** or **DOWN**
- Press **SET** to confirm selection and enter to the latitude and longitude setting mode (the degrees of latitude will flash)
- Press **UP** or **DOWN** to adjust the latitude (degrees, minutes and direction). Press and hold either button for quick digits advance
- Press **SET** to confirm the selection
- Continue setting the longitude (degrees, minutes and direction) using the same technique
- Press **SET** to confirm the selection – **0:00 + tz"** will flash prompting to enter the Time Zone setting mode (the Time Zone data is provided on P.)
- Set the Time Zone by pressing **UP** or **DOWN** to adjust the time in 30 min intervals. Press and hold either button for quick digits advance
- Press **SET** to confirm selection – **DST no""** will flash prompting to set the Daylight Saving Time Option
- Press **UP** to enable and **DOWN** to disable the DST option
- Press **SET** to confirm selection and the year digits will flash
- Continue setting the year, month, day, calendar format (day/month or month/day), time format (12 or 24 hours), local hour and minutes, using

the same technique

After programming is complete the display will return to the default Clock Window.

Note: Press and hold **SET** anytime during the setup to return to the default Clock Window and all previous settings will be cancelled.

DIFFERENT CLOCK AND CALENDAR MODES

In the Clock Window press **SET** selecting either:

- Hour and Minutes with the Day of the week
- Hour and Minutes with the City Code
- Hour and Minutes with the Seconds
- Month with the day and a year
- Hour and Minutes for UTC (Coordinated Universal Time)

ACTIVATING OR DEACTIVATING ALARMS

- Press the **ALARM** to display the Weekday Alarm (**W**), Single Alarm (**S**) or Ice Warning Alarm (**Pre-Al**) time. If these alarms are not set, the abbreviation **OFF** will be displayed
- To enable or disable any of these alarms, press **UP** or **DOWN**

Note: Press **SET** anytime during alarm selection mode to return to the default clock display.

PROGRAMMING ALARMS

- In the Clock and Alarm Mode, press the **ALARM** selecting the desired alarm – **W**, **S** or **PRE-AL**
- Press and hold **ALARM** button until the hour digit will flash
- Set the alarm hour using the **UP** or **DOWN**. Press and hold either button for quick digit advance

- Press **ALARM** to confirm selection
- Set the alarm minutes using **UP** or **DOWN**. Press and hold either button for quick digit advance.
- Press **ALARM** to confirm selection – the snooze interval digits will flash
- Set a Snooze interval (all three alarms share the same snooze time duration) using **UP** or **DOWN**. Press and hold either button for quick digit advance.
- Press **ALARM** to confirm selection.

After programming is completed, the display will return to the alarm selection screen.

Note: Ice Warning Alarm (**PRE-AL**) cannot be set if weekday alarm (**W**) or single alarm(**S**) is not enabled.

ACTIVATING OR DEACTIVATING SNOOZE

To enable a snooze function press **LIGHT/SNOOZE** button.

Note: Alarm will automatically enter the snooze mode if no buttons are pressed after the alarm sounds for 2 minutes. This will occur for a maximum of three times.

To disable time alarm(s):

Press **ALARM** entering into the specific alarm mode and press **ALARM** again to disable this alarm.

Note: For weekday (**W**) alarm, pressing **ALARM** will only disable the alarm for the current day. The alarm will activate again on the next day, Monday through Friday.

WWVB RADIO CONTROLLED TIME

The NIST (National Institute of Standards and Technology) radio station (WWVB) is located in Ft. Collins, Colorado. It transmits an exact time signal

continuously throughout the most of the continental United States at 60 KHz frequency. The Atomic Time Clock in your weather station can receive this WWVB signal through the internal antenna from up to 2,000 miles away. Due to the nature of the Earth's ionosphere, reception can be limited during the daylight hours. The radio controlled clock will search for an alternate station that receives the atomic time signal from the NIST Atomic clock in Boulder, Colorado.

The WWVB tower icon on the unit's display will flash indicating a radio signal reception from the WWVB station. If the tower icon is not fully lit, or if the time and date are not set automatically, please consider the following:

- During night-time hours, atmospheric disturbances are typically less severe and radio signal reception may improve. A single daily reception is sufficient enough to keep the clock accuracy within 1 second.
- Make sure the unit is positioned at 8 feet (2 meters) distance from any interference source such as a TV, computer monitor, microwave, etc.
- Within concrete wall rooms such as basements or office buildings, the received signal may be weakened. Always place the Projection Clock near the window for better reception.

Once the atomic time signal is received, the date and time will be set automatically, and the [ ] icon will appear.

After the clock is set manually, place the main unit by the window for the better reception. The atomic clock receiver is programmed that it will continue to search for the atomic time signal daily for every hour between 1:00 am and 4:30 am.

Once the time signal has been successfully received, the time and date will be updated automatically.

To enable or disable the atomic time receiver:

- Press and hold **UP** - if atomic time reception is activated, a triangular

tower icon will start flashing next to the clock icon. If reception is disabled, the triangular tower icon will disappear.

Icon	Atomic Time Reception Strength
(Flashing)	Undefined data
	Reception failed for the past 24 hours
	Weak signal, but can be decoded
	Strong signal

SUNRISE/SUNSET WINDOW

The main unit is able to calculate the sunrise and sunset times depending on the user defined location. The location data contains the longitude, latitude, time zone and DST (Daylight Saving Time).

If the closest city code is selected, the main unit will automatically generate all of the correct data for specified location.

If you cannot find the closest city code or would like to enter your specific location, select **"USR**" as the city code during the setup.

A search function is also available. It allows viewing the sunrise/sunset times for different dates.

ACCESSING SUNRISE/SUNSET WINDOW

Press **UP** or **DOWN** until the sunrise and sunset icons on the lower left of the display will start flashing.

PROGRAMMING YOUR LOCATION

- In Sunrise/Sunset Window, press and hold **SET** until the city code in the Clock Window will flash entering the location programming mode.
- Select the city code closest to your area by pressing the **UP** or **DOWN.** Refer to P. for a list of available codes. The corresponding longitude and latitude will be displayed in Sunrise/Sunset Window along with the city code.
- If you wish to enter the geographical coordinates yourself, select the **"USR"** (user) as a city code.
- Press **SET** to confirm your selection and enter into the geographical coordinates programming mode – the latitude degrees will flash

PROGRAMMING LATITUDE, LONGITUDE, TIME ZONE AND DST

- Press **UP** or **DOWN** to adjust the digits. Press and hold either button for fast advance.
- Press **SET** to confirm your selection.
- Repeat above procedure to set latitude and longitude minutes, longitude degrees, time zone, and DST selection.
- Once programming is completed, the display will return to the Sunrise/Sunset Window.

VIEWING LOCATION DATA

In **Sunrise/Sunset Window** press **SET** selecting either:

- Time and sunrise/sunset times
- Calendar and sunrise/sunset times
- Calendar and longitude/latitude

VIEWING SUNRISE/SUNSET TIMES FOR DIFFERENT DATES

- In **Sunrise/Sunset Window**, press **MEMORY** until the date in the Clock Window will flash
- Press **UP** or **DOWN** selecting the desired date. Press and hold either button for fast digits advance
- The corresponding sunrise and sunset times will be displayed for the selected date
- Press **MEMORY** or **SET** to return display to the **Sunrise/Sunset Window**

UNDERSTANDING OF SUNRISE/SUNSET INFORMATION

The sunrise time displayed in the morning will be different from the one displayed in the afternoon/night:

For the period from 12 am to 12 pm the unit will display the sunrise time for a current day

For the period from 12 pm to 12am the unit will display a sunrise time for the next day with the **"NEXT DAY**" icon

At some locations, especially with high latitudes, sunrise and sunset events may not occur within 24 hours.

Display	**Sunrise status**	**Display**	**Sunset status**
FULL	Sunrise for the previous day	FULL	Sunset on the following day or later
- - - -	No sunrise for the whole day	- - - -	No sunset for the whole day

TEMPERATURE AND HUMIDITY WINDOW

The Weather Forecaster supports up to 5 remote thermo-hygrometers, corresponding to a separate channel of the temperature and relative humidity display. The temperature can be displayed in Celsius (ºC) or Fahrenheit (ºF).

The main unit carries the temperature and humidity sensor and uses this data to calculate an indoors comfort level - **Wet**, **Comfort** or **Dry**.

A temperature alert function is available for all channels. It can be programmed to sound if the channel temperature exceeds or falls below the pre-set upper and lower limits.

COMFORT LEVEL INDICATION

The main unit is capable of detecting and displaying the current indoor comfort levels of surrounding environment. The comfort level based on the combination of the current indoor temperature and humidity readings. The following comfort levels may be displayed: **COMFORT** (comfortable); **WET** (wet) and **DRY** (dry)

Indicator displayed	**Temperature Range**	**Humidity Range**	**Shows current condition**
COMFORT	20°C to 25°C (68°F to 77°F)	40%RH-70%RH	Ideal for both relative humidity and temperature
WET	-5°C to 50°C (23°F to122°F)	OVER 70%RH	Contains excess moisture
DRY	5°C to 50°C (23°F to122°F)	BELOW 40%RH	Contains inadequate moisture

ACCESSING TEMPERATURE AND HUMIDITY WINDOW

Press **UP** or **DOWN** until the **IN** icon (IN) on the upper right will flash.

VIEWING REMOTE (CHANNEL) TEMPERATURE AND HUMIDITY

Static Display:

In **Temperature and Humidity Window**, press the **CHANNEL** button to recall a different channel.

Channel Auto-Scan Display:

To enable automatic scan of the different channels, press and hold **CHANNEL**, until the ↻ icon is displayed. Each valid channel will be alternately displayed with a 5 seconds delay.

NOTE: the channel auto-scan feature can be active only if there **are more than one** remote sensors operating and are set to different channels.

RECALLING TEMPERATURE AND DEW POINT INFORMATION

In **Temperature and Humidity Window** press **SET** button recalling either:

- Temperature and relative humidity
- Dew point and relative humidity

PROGRAMMING TEMPERATURE IN CELSIUS OR FAHRENGEIT

In **Temperature and Humidity Window**, press and hold **SET** to toggle the temperature in Celsius (ºC) or Fahrenheit (ºF).

ACTIVATING OR DEACTIVATING ALARMS

In **Temperature and Humidity Window**, press the **ALARM** to recall a current temperature for the corresponding channel, the upper temperature alert with ▲ icon (if disabled, displays **OFF**), or lower temperature alert with ▼ icon (if disabled, displays **OFF**).

Once the above alerts are displayed, press the **UP** or **DOWN** to enable or disable the corresponding alert.

PROGRAMMING ALARMS

- In the **Temperature and Humidity Window**, press **ALARM** selecting the desired alarm.
- Press and hold **ALARM** button until the remote temperature and ▲ or ▼ icon starts flashing.
- Adjust the temperature digits for the Temperature Alarm using the **UP** or **DOWN**. Press and hold either button for fast digits advance
- Press the **ALARM** to confirm selection and return to the temperature alarm selection screen

VIEWING REMOTE TEMPERATURE AND HUMIDITY MAX/MIN READINNGS

In the **Temperature and Humidity Window** press the **MEMORY** button recalling:

- Current temperature and humidity
- Minimum temperature and humidity
- Maximum temperature and humidity at the remote location.

RESETTING REMOTE TEMPERATURE AND HUMIDITY MEMORY

In the **Temperature and Humidity Window**, press and hold **MEMORY** button to clear memory for all channels.

REMOTE SENSORS STATUS

The wave icon above the current channel icon shows the connection status of the corresponding remote sensor:

Icon	Status

	Searching for the signals from the remote sensor
	Corresponding remote sensor signal received successfully
	No signals received for over 15 minutes

ALL REMOTE SENSORS SIGNAL ACTIVATION

The main unit can be manually activated to search for the signals from remote sensors by pressing and holding **DOWN** button.

WIND WINDOW

The left section of the **Wind Window** can be programmed to display either a temperature at the place of anemometer or the temperature adjusted to the wind chill factor.

The right section of the **Wind Window** indicates the average wind speed for the past 10 minutes, as well as gust, high wind speed and gust alarm information. It can also show records of the maximum wind speed and wind gust collected during the day.

The wind speed and gust can be programmed to alert you if the wind speed or gust exceeds a pre-set limit. The wind speed can be displayed in km/h, mph, m/s or knots.

ACCESSING

Press **UP** or **DOWN** until the **WIND** icon on the display starts flashing.

OPERATING

In the **Wind Window** press the **SET** button to recall:

- Wind chill temperature with wind speed

- Temperature at anemometer with wind speed

PROGRAMMING UNITS

In the **Wind Window**, press and hold **SET** to set the wind speed units in km/h, mph, m/s or knots.

VIEWING STATISTICS

In the **Wind Window**, press the **MEM** button to recall:

- Current wind speed, a daily maximum wind speed with "**DAILY MAX**" displayed, a gust speed with a "**GUST"** displayed and a daily maximum gust speed with a "**GUST DAILY MAX"** displayed.

RESETTING STATISTICS MEMORY

In the **Wind Window**, press and hold **MEM** to reset all wind statistics.

ACTIVATING OR DEACTIVATING ALARMS

In the **Wind Window** press **ALARM** to recall

- Current wind speed
- Wind speed alarm with the "**ALARM HI"** displayed
- Wind gust alarm with the **"GUST ALARM HI**" displayed
- Daily maximum wind speed with "**DAILY MAX**" displayed

If the specific alarm is disabled, **"OFF"** will be displayed; otherwise the alarm value will be shown.

When the wind alarm is displayed, press the **UP** or **DOWN** to activate or deactivate it.

PROGRAMMING HIGH WIND ALARM

- In the **Wind Window**, press **ALARM** to select the desired alarm (wind

speed or wind gust speed)

- Press and hold **ALARM** button until speed digit will flash.
- Set the alarm using the **UP** or **DOWN**. Press and hold either button for fast digits advance.
- Press **ALARM** to confirm your selection and return to the high wind alarm selection screen.

MAINTANANCE

CHANGING BATTERIES

The battery status of each weather sensor is checked every hour. If the low battery indicator lights up, replace the batteries in the corresponding unit.

CHANGING BATTERIES IN THE MAIN UNIT

- Remove the battery compartment door from the back and replace batteries. Do not mix old and new batteries
- Replace the battery compartment door

CHANGING BATTERIES IN REMOTE SENSORS

- Replace the batteries following the setup instructions for the corresponding sensor
- When the batteries are properly installed, the remote weather sensor will resume sending signals to the main unit
- To enforce an immediate remote signals search, press and hold **DOWN** on the main unit

CLEANING

The main unit and outer casings of the remote weather sensors can be cleaned with a damp cloth. Small parts can be cleaned with a cotton tip or pipe-cleaner.

Never use any abrasive cleaning agents and solvents. Do not immerse any units with electronic parts in water or under running water.

WIND METER

Check if the wind cups can spin freely and are free from dirt, debris and spider webs.

TROUBLESHOOTING

Check here before contacting customer service.

Issue	Symptom	Solution
Main unit	US Atomic Time signal is not received	Place unit by the window and keep it there overnight
Main unit	The weather readings weather station are different from the TV, radio or official weather reports	The weather data may vary considerably due to different environmental conditions and placement. Check the placement tips included in this manual to site your weather sensors in the best possible way.
Remote sensor	Cannot locate remote sensor	Check batteries
		Check location
		Press and hold **DOWN** (▼) button on the main unit to search for the signal form the remote sensor
	Cannot change the channel	Press "**RESET**" after setting the channel
	Cannot change the C° to F° and back	Press "**RESET**" after setting C/F
	Data does not match data on the main unit	Initiate manual sensor search (Press and hold **DOWN** (▼) button on the main unit)

PRECAUTIONS

This product is engineered to give you years of satisfactory service if handled carefully. Here are a few precautions:

- Do not immerse the units in water.

- Do not clean the units with abrasive or corrosive materials. They may scratch the plastic parts and corrode the electronic circuits.
- Do not subject the product to excessive force, shock, dust, temperature, or humidity, which may result in malfunctions, shorter lifespan, damaged batteries, and damaged parts.
- Do not tamper with the units internal components. Doing so will invalidate the warranty and may cause damage. These units contain no user-serviceable parts.
- Use only fresh batteries. Do not mix new and old batteries.
- Read the user's manual thoroughly before operating the units.

APPENDIX – CITY CODES

US and Canadian Cities

City	Code	Zone	DST	City	Code	Zone	DST
Atlanta, Ga.	ATL	-5	SU	Memphis, Tenn.	MEM	-6	SU
Austin, TX	AUS	-6	SU	Miami, Fla.	MIA	-5	SU
Baltimore, Md.	BWI	-5	SU	Milwaukee, Wis.	MKE	-6	SU
Birmingham, Ala.	BHM	-6	SU	Minneapolis, Minn.	MSP	-6	SU
Boston, Mass.	BOS	-5	SU	Montreal, Que., Can.	YMX	-5	SU
Calgary, Alba., Can.	YYC	-7	SU	Nashville, Tenn.	BNA	-6	SU
Chicago, IL	CGX	-6	SU	New Orleans, La.	MSY	-6	SU
Cincinnati, Ohio	CVG	-5	SU	New York, N.Y.	NYC	-5	SU
Cleveland, Ohio	CLE	-5	SU	Oklahoma City, Okla.	OKC	-6	SU
Columbus, Ohio	CMH	-5	SU	Omaha, Neb.	OMA	-6	SU
Dallas, Tex.	DAL	-6	SU	Ottawa, Ont., Can.	YOW	-5	SU
Denver, Colo.	DEN	-7	SU	Philadelphia, Pa.	PHL	-5	SU
Detroit, Mich.	DTW	-5	SU	Phoenix, Ariz.	PHX	-7	NO
El Paso, Tex.	ELP	-7	SU	Pittsburgh, Pa.	PIT	-5	SU
Houston, Tex.	HOU	-6	SU	Portland, Ore.	PDX	-8	SU
Indianapolis, Ind.	IND	-5	NO	San Antonio, Tex.	SAT	-6	SU
Jacksonville, Fla.	JAX	-5	SU	San Diego, Calif.	SAN	-8	SU
Las Vegas, Nev.	LAS	-8	SU	San Francisco, Calif.	SFO	-8	SU
Los Angeles, Calif.	LAX	-8	SU	San Jose, Calif.	SJC	-8	SU
Seattle, Wash.	SEA	-8	SU	Vancouver, B.C., Can.	YVR	-8	SU
St. Louis, Mo.	STL	-6	SU	Washington, D.C.	DCA	-5	SU

Tampa, Fla.	TPA	-5	SU	Vancouver, Canada	VAC	-8	SU
Toronto, Ont., Can.	YTZ	-5	SU				

World Cities

City	Code	Time	DST	City	Code	Time	DST
Addis Ababa,	ADD	3	NO	Cairo, Egypt	CAI	2	sg
Adelaide,	ADL	9.5	SA	Calcutta, India (as	CCU	5.5	NO
Algiers, Algeria	ALG	1	NO	Cape Town, South	CPT	2	NO
Amsterdam,	AMS	1	SE	Caracas,	CCS	-4	NO
Ankara, Turkey	AKR	2	SE	Chihuahua, Mexico	CUU	-6	SU
Asunción,	ASU	-3	sp	Copenhagen,	CPH	1	SE
Athens, Greece	ATH	2	SE	Córdoba, Argentina	COR	-3	NO
Bangkok,	BKK	7	NO	Dakar, Senegal	DKR	0	NO
Barcelona, Spain	BCN	1	SE	Dublin, Ireland	DUB	0	SE
Beijing, China	BEJ	8	NO	Durban, South	DUR	2	NO
Belgrade,	BEG	1	SE	Frankfurt, Germany	FRA	1	SE
Berlin, Germany	BER	1	SE	Glasgow, Scotland	GLA	0	SE
Birmingham,	BHX	0	SE	Guatemala City,	GUA	-6	NO
Bogotá, Colombia	BOG	-5	NO	Hamburg, Germany	HAM	1	SE
Bordeaux, France	BOD	1	SE	Havana, Cuba	HAV	-5	SH
Bremen,	BRE	1	SE	Helsinki, Finland	HEL	2	SE
Brisbane,	BNE	10	NO	Hong Kong, China	HKG	8	NO
Brussels, Belgium	BRU	1	SE	Irkutsk, Russia	IKT	8	SK
Bucharest,	BBU	2	SE	Jakarta, Indonesia	JKT	7	NO
Budapest,	BUD	1	SE	Johannesburg,	JNB	2	NO
Buenos Aires,	BUA	-3	NO	Kingston, Jamaica	KIN	-5	NO
Kinshasa, Congo	FIH	1	NO	Oslo, Norway	OSL	1	SE
Kuala Lumpur,	KUL	8	NO	Panama City,	PTY	-5	NO
La Paz, Bolivia	LPB	-4	NO	Paris, France	PAR	1	SE
Lima, Peru	LIM	-5	NO	Perth, Australia	PER	8	NO
Lisbon, Portugal	LIS	0	SE	Prague, Czech	PRG	1	SE
Liverpool,	LPL	0	SE	Rangoon, Myanmar	RGN	6.5	NO
London, England	LON	0	SE	Reykjavík, Iceland	RKV	0	NO
Lyon, France	LYO	1	SE	Rio de Janeiro,	RIO	-3	sb
Madrid, Spain	MAD	1	SE	Rome, Italy	ROM	1	SE
Manila,	MNL	8	NO	Salvador, Brazil	SSA	-3	NO
Marseille, France	MRS	1	SE	Santiago, Chile	SCL	-4	sc
Melbourne,	MEL	10	SA	São Paulo, Brazil	SPL	-3	sb
Mexico City,	MEX	-6	SU	Shanghai, China	SHA	8	NO

Milan, Italy	MIL	1	SE	Singapore,	SIN	8	NO
Montevideo,	MVD	-3	SM	Sofia, Bulgaria	SOF	2	SE
Moscow, Russia	MOW	3	SK	Stockholm Arlanda,	ARN	1	SE
Munich, Germany	MUC	1	SE	Sydney, Australia	SYD	10	SA
Nairobi, Kenya	NBO	3	NO	Tokyo, Japan	TKO	9	NO
Nanjing	NKG	8	NO	Tripoli, Libya	TRP	2	NO
Naples, Italy	NAP	1	SE	Vienna, Austria	VIE	1	SE
New Delhi, India	DEL	5.5	NO	Warsaw, Poland	WAW	1	SE
Odessa, Ukraine	ODS	2	SE	Zürich, Switzerland	ZRH	1	SE
Osaka, Japan	KIX	9	NO				

DST (Daylight Savings Time) definitions:

SA = Australian DST.
SB = South Brazilian DST. Changes annually.
SC = Chile DST
SE = Standard European DST.
SG = Egypt DST
SH = Havana, Cuba DST
SI = Iraq and Syria DST
SK = Irkutsk & Moscow DST
SM = Montevideo, Uruguay DST
SN = Namibia DST
SP = Paraguay DST
SQ = Iran DST maybe changed annually.
ST = Tasmania DST
SU = Standard American DST.
SZ = New Zealand DST
NO DST = no = Places that do not observe DST;
ON = Always add 1 hour to the local standard time

SPECIFICATIONS

Radio Frequency: 433 MHz
RF Reception range: 100-328 feet (30 -100 m)
Barometric Pressure
Measuring Range: 14.75 inHg to 32.44 inHg (500 Hpa to 1100Hpa); (374.5 mmHg to 823.8 mmHg)
Resolution: 0.003 inHg (0.1 Hpa, 0.08 mmHg)
Accuracy: 0.015 inHg (5 Hpa; 0.38 mmHg)
Sampling interval: 20 minutes
Altitude Compensation Range: -657 ft to 16404 ft (-200m to +5000 m)
Temperature (Indoor)

Operating Range: 23°F to 122°F (-5°C to 50°C)
Resolution: 0.2°F (0.1°C)
Accuracy: 2°F (1°C)
Sampling Interval: 10 seconds
Temperature (remote)
Range: -40°F to 176°F (-40°C to 80°C)
Resolution: 0.2°F (0.1°C)
Accuracy: 2°F (1°C)
Transmitting Interval: around 47 seconds
Humidity (Indoor)
Operating Range: 30% to 80%
Resolution: 1%
Accuracy: 5%
Sampling Interval: 10 seconds
Humidity (Outdoor)
Operating Range: 30% to 80%
Resolution: 1%
Accuracy: 5%
Sampling Interval: 10 seconds
Transmitting Interval: around 47 seconds
Sunrise and Sunset
Accuracy: 1min (latitude within 50°)
Wind Speed
Range: 0 to 199.9mph (199.9 Km/h, 173.7 Knots, 89.3 m/s)
Resolution: 0.1mph (0.16 Km/h)
Accuracy: (2mph + 5%)
Starting Threshold: 3mph (4.8 Km/h)
Wind/Gust Speed Display Update Interval: 33 seconds
Wind/Gust Sampling Interval: 11 seconds
Power
Main unit: 2 x UM-3 or AA 1.5V battery
Remote Thermo Hygrometer: 2 x UM-3 or AA 1.5V battery
Remote Wind Meter: 2 x UM-3 or AA 1.5V battery
Battery life (alkaline)
Main unit: 2 month
Thermo-Hygrometer: over 12 months
Remote Wind Meter: over 12 months
Weight (without batteries)
Main unit: 8.15oz (231g)
Remote Thermo-Hygrometer: 2.29oz (65g)
Remote Wind Meter: 11.12oz (315g)
Dimensions

Main unit: 7.766 (L) x 4.17 (H) x 1.83 (D) inches / 197 (L) x 106 (H) x 46.4 (D) mm
Remote Thermo - Hygrometer: 2.37(L) x 4(H) x 1(D) inches / 60(L) x 101(H) x 25(D) mm
Remote Wind Meter: 19.16(L) x 19.16(H) x 15.35(D) inches / 486.6(L) x 486.6(H) x 390(D) mm

FCC STATEMENT

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) This device must accept any interference received, including interference that may cause undesired operation.

Warning: Changes or modification to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment had been tested and found to comply with the limits for a Class B Digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment, installed and used in accordance with the instructions, may cause harmful interference to radio communications. There is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to improve or correct turning the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna
- Increase the separation between the equipment and receiver.
- Connect the equipment to an outlet on a circuit different from that to

which the receiver is connected.

- Consult the dealer or an experienced radio / TV technician for help.

DECLARATION OF CONFORMITY

We

Name: Hideki Electronics, Inc.

Address: 7865 SW Mohawk

Tualatin, OR 97062

declare that the product

Product No.: TE852W

Product Name: Honeywell Long-Range Weather Forecaster with Wind Speed

Manufacturer: Hideki Electronics Ltd.

Address: Unit 2304-06, 23/F Riley House, 88 Lei Muk Road, Kwai Chung, New Territories, Hong Kong

is in conformity with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

This device may not cause harmful interference.

This device must accept any interference received, including interference that may cause undesired operation.

The information above is not to be used as a contact for support or sales. Please call our customer service hotline (refer to the Standard Warranty Information) for all injuries instead.

STANDARD WARRANTY INFORMATION

This product is warranted from manufacturing defects for **one year** from date of retail purchase. It does not cover damages or wear resulting from accident, misuse, abuse, commercial use, or unauthorized adjustment and repair.

Note that online product registration is required to ensure valid warranty protection.

To register your product, go to our Company website at: www.honeywellweatherstations.com. Click Online Product Registration under the Customer Service menu.

Should you require assistance with this product and its operation, please contact our **Customer Service Hotline 1(866) 443 3543**.

Please direct all returns to the place of the original purchase. Should this not be possible, contact Hideki Customer Service Hotline for assistance and to obtain a Return Merchandise Authorization (RMA). Returns without a return authorization will be refused. Please retain your original receipt as you may be asked to provide a copy for proof of purchase.

Hideki Electronics, Inc. reserves the right to repair or replace the product at our option.

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All user manual contents and information are subject to change.

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